

## ABSTRACT OF THE DISCLOSURE

A method for identifying damaged parts of a vehicle, including those inside the body, in a prompt and accurate manner. The method measures the position of a transmitter attached at a predetermined point of a vehicle under test, by processing a transmitter signal received by a plurality of receivers (step S1). The displacement of the transmitter is then calculated by comparing the measured position of the transmitter with its corresponding reference position (step S2). Here, the reference position refers to the ideal position at which the transmitter is supposed to be when it is assumed that the vehicle is in normal state. The method then identifies damaged parts around the transmitter, based on the displacement (step S3).